

Claims

1. A production method of a low melting point type crystal of disopyramide free base, which comprises a step of dissolving disopyramide free base in a solvent, a step of crystallizing the disopyramide free base from the obtained solution and a step of aging the crystal of the disopyramide free base, wherein the solvent is a mixed solvent of toluene and one or two kinds of hydrocarbon solvents selected from heptane and hexane.
- 10 2. The production method of claim 1, wherein the ratio of the hydrocarbon solvent and toluene (hydrocarbon solvent:toluene) of the mixed solvent is 4:1 to 7.5:1 by volume ratio.
- 15 3. The production method of claim 1 or 2, wherein the amount of the mixed solvent of the hydrocarbon solvent and toluene is 4 ml to 4.5 ml per 1 g of the disopyramide free base.
- 20 4. The production method of any of claims 1 to 3, wherein a stirring rate during the step of crystallizing is 4 m/s to 6 m/s at the tip of a stirring blade.
- 25 5. The production method of any of claims 1 to 4, wherein a stirring rate during the step of aging is 2 m/s to 3 m/s at the tip of a stirring blade.
6. The production method of any of claims 1 to 5, further comprising a step of drying the crystal of the disopyramide free base after crystallization and aging at not more than 60°C.

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